

# A Case Report of the Use of Magnesium Sulphate during Anaesthesia in a Patient who had Adrenalectomy for Pheochromocytoma

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## Abstract

**Introduction:** Patients with pheochromocytoma have haemodynamic instability during adrenalectomy. **Clinical Picture:** A case showing major swings of blood pressure during tumour handling. **Treatment:** Magnesium sulphate infusion alone failed to prevent severe hypertension. **Outcome:** The patient had to be given phentolamine and sodium nitroprusside to control the severe hypertension. **Conclusion:** The greatest value of magnesium sulphate is in controlling catecholamine release at induction and intubation, and in association with other agents in controlling arrhythmias and hypertension during tumour handling.

*Ann Acad Med Singapore 2000; 29:518-20*

**Key words:** Adrenaline, Antiarrhythmic, Chromaffin cells, Noradrenaline, Vasodilator

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